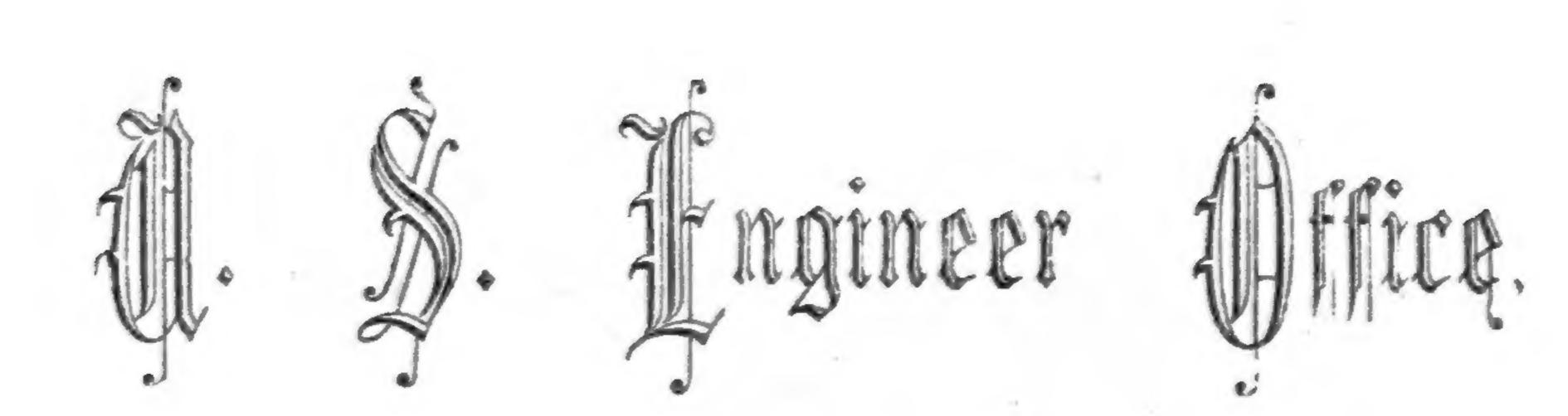
Rec March 10th. Olar James Day



(EXPLORATIONS WEST OF THE 100th MERIDIAN,)

P. O. Lock Box No. 93.

Washing to moh. 6, 1873

De Tro Engelmonn

Dearsin, Inthe

course of travel in Angona in 1871 my attention was altracted to the mistletus that so abound there, and as it appears likely that Sohall visit New muxico and Angona this year it has occurred to me that I might, of I knew the present state of knowledge in regard to them, make some observations and collections that would be useful. My own special work is in geology but I think that by confining my self to one Jamily I may purhaps accomplish a little as a lagman in botany. Dr. Vasus of the Agricultural Burian tills me that you have expicial interest in these parasettes & I am honer Emboldened, though a stranger to apply to you for information as to the questions to be solved in regard to the mistletows. Perhaps you can answer one question that has presented trest to me



already. The type which I find labelled in herbaria Arcruthobium appears to allach to conifers exclusively, while Phoradend von I never saw on them. In like manner rach genus _ Junipius, Pinns, Abies, Lucrous, Topulus Prospir, Circocarpus _ appeared to bear a distinct kind of mistletve, and & asked myself, in vain, whither these differing forms were really distruct species or races, or whitten one or two species axhibited constant induredual variation defendent on the stock whow which they ingrafted themselves. Begging the favor of a response at 2 an Jour Convenue Jun of Sof DA Gilbert GENRGE ENGELMANN PAPERS MISSOURI BOTANICAL GARDEM

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